

## Chapter No. 9 in the Serial Story of MEDFORD

### MEDFORD CORPORATION'S Scientific Kiln Drying



Good Morning, Lumber Friends! This is Ernie Kessler, in charge of Medford Corporation's kiln drying operations—all ready to tell you about our modern kiln drying facilities.

We have a battery of 18 cross circulation dry kilns, 16 of which are modern forced draft type, including two double-track Fryer type of the very latest design, engineered for speed and perfection in drying all of our species—Douglas and White Fir, and Sugar and Ponderosa Pine.

As stock is accumulated in sufficient quantities to make full cribs, the lumber is piled onto kiln trucks over two electric stackers. Then, the cribs are transported by an electric transfer car to one of the 18 green storage tracks for the accumulation of a full kiln charge of the same drying type lumber. This proper grouping of drying types in each kiln insures efficient kiln drying.

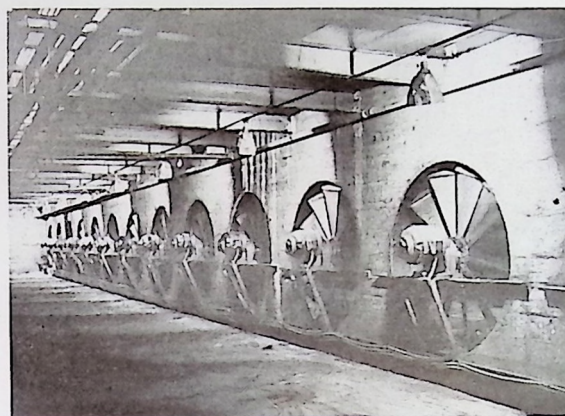
The dry lumber is unstacked over an electric hoist equipped with rake-off chains onto a sorting chain sufficiently long to provide ample room for efficient grading and sorting. From there, the loads are transported by carrier to dry storage sheds, planing mill, or shipping dock. Whenever possible, the lumber is "shed stored" a sufficient length of time to allow an equilibrium moisture condition before shipment.

Such items as Douglas Fir flooring, siding, and finish are 100% kiln dried. Fir dimension and boards are kiln dried according to orders and market demand. All of the Sugar and Ponderosa Pine is kiln dried with special emphasis given by the department to the thick factory selects and industrial items.

We have a thoroughly experienced and competent dry kiln staff. Our drying schedules are the results of years of experimentation and are built on scientific and practical knowledge around each individual kiln. The most modern instrument controls available automatically regulate the temperature and humidity according to the desire of the kiln operator whose responsibility it is to control the drying to the proper moisture content desired by the consuming public.

Medco's kiln drying is as nearly perfect as modern science and expert personnel can provide.

And now about the next Medford Corporation broadcast. On July 6, Bill Rhymes, planing mill foreman, will be at the microphone with an interesting word-picture of our planing mill operation.



Basement of a Fryer double track kiln showing 12 of the 13 individually driven 60" fans for forced draft circulation.



The dry kiln operating pit, showing the automatic control instruments and control panels.

# MEDFORD CORPORATION

## MEDFORD, OREGON

Douglas Fir-- Sugar Pine--Ponderosa Pine  
White Fir



Annual Capacity 85 Million Feet

Members of West Coast Lumbermen's Assn., West Coast Bureau of Lumber Grades & Inspection, Western Pine Assn.